

§ 779.12 General environmental resources information.

Each application shall describe and identify—

(a) The lands subject to surface coal mining operations over the estimated life of those operations and the size, sequence, and timing of the subareas for which it is anticipated that individual permits for mining will be sought; and

(b)(1) The nature of cultural, historic and archeological resources listed or eligible for listing on the National Register of Historic Places and known archeological sites within the proposed permit and adjacent areas. The description shall be based on all available information, including, but not limited to, information from the State Historic Preservation Officer and from local archeological, historical, and cultural preservation agencies.

(2) The regulatory authority may require the applicant to identify and evaluate important historic and archeological resources that may be eligible for listing on the National Register of Historic Places, through

(i) Collection of additional information,

(ii) Conduct of field investigations, or

(iii) Other appropriate analyses.

[44 FR 15354, Mar. 13, 1979, as amended at 48 FR 14822, Apr. 5, 1983; 52 FR 4262, Feb. 10, 1987]

§ 779.18 Climatological information.

(a) When requested by the regulatory authority, the application shall contain a statement of the climatological factors that are representative of the proposed permit area, including:

(1) The average seasonal precipitation;

(2) The average direction and velocity of prevailing winds; and

(3) Seasonal temperature ranges.

(b) The regulatory authority may request such additional data as deemed necessary to ensure compliance with the requirements of this subchapter.

[44 FR 15354, Mar. 13, 1979, as amended at 45 FR 51550, Aug. 4, 1980]

§ 779.19 Vegetation information.

(a) The permit application shall, if required by the regulatory authority, contain a map that delineates existing

vegetative types and a description of the plant communities within the proposed permit area and within any proposed reference area. This description shall include information adequate to predict the potential for reestablishing vegetation.

(b) When a map or aerial photograph is required, sufficient adjacent areas shall be included to allow evaluation of vegetation as important habitat for fish and wildlife for those species of fish and wildlife identified under 30 CFR 780.16.

[44 FR 15354, Mar. 13, 1979, as amended at 52 FR 47359, Dec. 11, 1987]

§ 779.20 [Reserved]

§ 779.21 Soil resources information.

(a) The applicant shall provide adequate soil survey information of the permit area consisting of the following:

(1) A map delineating different soils;

(2) Soil identification;

(3) Soil description; and

(4) Present and potential productivity of existing soils.

(b) Where the applicant proposes to use selected overburden materials as a supplement or substitute for topsoil, the application shall provide results of the analyses, trials, and tests required under 30 CFR 816.22.

§ 779.24 Maps: General requirements.

The permit application shall include maps showing—

(a) All boundaries of lands and names of present owners of record of those lands, both surface and subsurface, included in or contiguous to the permit area;

(b) The boundaries of land within the proposed permit area upon which the applicant has the legal right to enter and begin surface mining activities;

(c) The boundaries of all areas proposed to be affected over the estimated total life of the proposed surface mining activities, with a description of size, sequence, and timing of the mining of sub-areas for which it is anticipated that additional permits will be sought;

(d) The location of all buildings on and within 1,000 feet of the proposed permit area, with identification of the current use of the buildings;